

PickMaster 3 (Vision)

IRC5 – 4½ days – Course Code: US418

The goal of this course is to teach students the basic application of PickMaster 3, as well as familiarize them with its features.

Topics include

- Presentation and overview of PickMaster 3
- Feature scope of PickMaster 3
- Conveyor set-up
- Vision calibration, modeling and tuning
- Line creation
- PickMaster 3 RAPID program
- Project creation
- Hardware components and wiring
- Logging
- Performance and limiting factors

Course objectives

After successfully completing the course, the participant should be able to:

- Describe hardware components
- Describe wiring configurations
- Explain basic performance capabilities
- Explain licensing procedures
- Setup a Line
- Calibrate a conveyor
- Calibrate a camera
- Verify accurate Calibrations
- Train part models
- Configure PickMaster using common variations
- Setup containers
- Modify RAPID code
- Setup Indexed Work Areas
- Create Backups
- Explain Load Balancing
- Explain Adaptive Task Completion (ATC)
- Use PickMaster for Inspections
- Perform diagnostics on system



Student profile

- This training is targeted to the people that will be applying and integrating PickMaster 3, as well as those who will use and maintain an installed PickMaster 3-based system.

Prerequisites

- Programming I for Material Handling (US420)
- Programming II for Material Handling (US425) is strongly recommended
- Advanced PC user

Duration

Course duration is 4. 5 days.

Customer Service – Robotics
1250 Brown Road
Auburn Hills, MI 48326, USA

Tel: 1 800 HELP 365 (1 800 435 7365) option 1, option 4
Outside USA/Canada: +1 440 585 7804
Fax: +1 919.666.1388
E-mail: abbuniversity@us.abb.com
www.abb.us/abbuniversity

© 2014 ABB Inc. 3BUS095085 SM2010-027
ABB reserves the right to change specifications without notice.